

## Non-isolated quasi-degrees

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### Abstract

We show that non-isolated from below 2-c.e. Q-degrees are dense in the structure of c.e. Q-degrees. We construct a 2-c.e. Q-degree, which can't be isolated from below not only by c.e. Q-degrees, but by any Q-degree. We also prove that below any c.e. Q-degree there is a 2-c.e. Q-degree, which is non-isolated from below and from above. © 2009 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim.

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### Keywords

2-c.e. degrees, Computably-enumerable degrees, Isolated degrees, Quasi-reducibility